What is claimed is:

1. An image display system comprising:

original image holding device for holding original image data;

an image display device connected to said original image holding device; and storing device for storing image data obtained by converting said original image data and suitable for display by said image display; wherein:

said image display device has the functions of reading out and displaying image data from said storing device, and detecting alterations to said image data when the image data is read out;

said image display device has the functions of, if alternation to the image data is detected, requesting said original image holding device to transfer original image data;

said original image holding device has the function of transferring original image data to said image display device, in accordance with original image data transfer requests from said image display device; and

said image display device has the function of displaying the original image data transferred thereto.

2. An image display system according to claim 1, wherein said image display device has the function of displaying an indication that original image data has been obtained since there has been an alteration to the image data,

along with displaying said original image data transferred thereto.

3. An image display system according to claim 1, wherein said image data comprises a plurality of regions;

said image display device detects alterations to the image data for each of said regions, and if an alteration to the image data is detected, then it sends alteration information relating to the region where the alteration was detected to said original image storing device, along with said original image data transfer request;

said original image storing device sends original image data for the corresponding region to said image display device, on the basis of said alteration information; and

said image display device synthesizes the transferred original image data for said region with the image data for the other regions.

4. An image display system according to claim 3, wherein said image display device detects alterations to image data by means of the presence or absence of an electronic watermark.

5. An image display system according to claim 4, wherein said plurality of regions are blocks obtained by uniform division of the image data; and said image display device detects alterations for each of said blocks.

6. An image display system according to claim 4, wherein said plurality of regions are description regions based on a document format database.

7. An image display system according to claim 6, wherein said image display device sends co-ordinates information for said image data stored in said storing device, as said alteration information, to said original image storing device; and said original image storing device reads out original image data for the corresponding region on the basis of said co-ordinates information, and transfers said original image data to said image display device.

8. An image registration terminal device used in an image display system, for creating documents to be registered in a server, said image registration terminal device being linked to said server and a reading terminal device by means of a network, comprising:

an input section for converting original image data for a document that is to be disclosed, into image data; and

a screen display section capable of displaying said image data, and set regions specified as prospective non-disclosure regions within the region of said image data.

9. The image registration terminal device according to claim 8, comprising:

prospective non-disclosure region setting device for creating setting data for said set regions;

a memory for storing said image data and setting data in a readable fashion; and

an output section for reading out said image data and setting data from said memory and outputting same to said server;

wherein said output section comprises said screen display section.

10. An image registration terminal device according to claim 9, wherein said prospective non-disclosure region setting device comprises a region analysing section for detecting region information relating to the position and size of said set regions which are to be specified within said image data region, said region information constituting a portion of said setting data.

11. An image registration terminal device according to claim 9, wherein said prospective non-disclosure region setting device comprises a region setting device for specifying said set regions in response to a setting command from said input section.

12. An image registration terminal device according to claim 9, wherein said prospective non-disclosure region setting device comprises an index data creating section for creating index data relating to said image data and to said set regions, as a portion of said setting data.

13. An image registration terminal device according to claim 12, wherein the index data relating to said image data

comprises indexing keywords, and image data tag names and attribute names; and the index data relating to said set regions comprises a region number, two-dimensional co-ordinate values, region width and region height for said set regions.

14. An image registration terminal device according to claim 9, wherein the setting of said prospective non-disclosure regions is performed by specifying said set regions, by means of a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions, within the image data region displayed by said screen display section.

15. A reading terminal device used in an image display system, for reading documents registered in a server, said reading terminal device being linked to said server and an image registration terminal device by means of a network, comprising:

a screen display section capable of displaying: image data corresponding to original image data for a document that is to be disclosed, previously registered in said server; set regions specified as prospective non-disclosure regions in said image data region; and non-disclosure decided regions within said image data region.

16. A reading terminal device according to claim 15, further comprising:

an input section for reading out, from said server, said image data, and setting data respectively identifying said image data and set regions specified as prospective non-disclosure regions within said image data region, this data being respectively registered beforehand in said server;

a region deciding section for deciding disclosed regions and non-disclosed regions with respect to the set regions in said image data region;

a disclosure data creating section for converting image data within said non-disclosure decided regions to non-readable data, converting image data within said disclosed regions to readable data, and creating disclosure data consisting of said non-readable and readable data;

an output section for converting said disclosure data to a disclosure document having perceivable contents; and

a memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, and said disclosure data;

wherein said output section contains said screen display section.

17. A reading terminal device according to claim 16, wherein:

selection information for instructing display of said set regions is previously stored, in a readable fashion, in said memory;

and said region deciding section:

reads out said selection information from said memory in response to a confirmation command from said input section and causes said information to be displayed on said screen display section, during said deciding operation;

causes said image data to be displayed on said screen display section by means of selecting said displayed selection information in response to commands from said input section;

specifies said set regions by means of a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions, within said displayed the image data region, on the basis of said setting data; and

designates said specified set regions as non-disclosure decided regions, if there is no error in the specification of said set regions, or alternatively, cancels the specification of said set regions and changes the same to disclosed regions, if there is an error in the specification of said set regions.

18. A reading terminal device according to claim 16, wherein:

selection information for changing said non-disclosure decided regions to non-readable data is stored in a readable fashion in said memory;

and said disclosure data creating section:

reads out said selection information from said memory and displays same on said screen display section, in response to readable/non-readable commands from said input section; and

converts said specified non-disclosure decided regions to non-readable data consisting of either black information, blank information or deleted information, by selecting said displayed second selection information in response to selection commands from said input section, whilst also performing processing for converting the remaining image data region to readable data.

19. An image display system for document management comprising an image registration terminal device, server and reading terminal device mutually linked by means of a network, wherein:

(A) said image registration terminal device comprises: a first input section for converting original image data for a document that is to be disclosed, into image data; and a first screen display section capable of displaying said image data, and set regions specified as prospective non-disclosure regions within the image data region of said image data;

(B) said server obtains and stores said image data and setting data for said set regions from said image data registration terminal device; and

(C) said reading terminal device comprises: a second input section for reading out said image data and said setting data from said server; a region deciding section for deciding disclosed regions and non-disclosed regions with respect to the set regions in said image data region; and a second screen display section capable of displaying said image data, said set regions and non-disclosure decided regions within said image data region.

20. An image display system according to claim 19, wherein:

(A) said image registration terminal device further comprises:

prospective non-disclosure region setting device for creating setting data for said set regions;

a first memory for storing said image data and setting data in a readable fashion; and

a first output section for reading out said image data and setting data from said first memory and outputting same to be stored in said server;

said first output section comprising said first screen display section;

(B) said reading terminal device further comprises:

a disclosure data creating section for converting image data within said non-disclosure decided regions to non-readable data, converting image data within said disclosed

regions to readable data, and creating disclosure data consisting of said non-readable and readable data;

a second output section for converting said disclosure data to a disclosure document having perceivable contents; and

a second memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, and said disclosure data;

said second output section comprising said second screen display section.

21. An image registration terminal device according to claim 8, wherein said screen display section capable of displaying structured image data created from said image data and said setting data.

22. An image registration terminal device according to claim 21, further comprising:

prospective non-disclosure region setting device for creating setting data for said set regions;

a structured image data creating section for creating said structured image data;

a reference data creating section for creating reference data for referencing said set regions within said structured image data;

a memory for storing said image data, said structured image data, said setting data and said reference data, in a readable fashion; and

an output section for reading out said structured image data, said setting data and said reference data from said memory and outputting same to said server so as to be stored therein;

wherein said output section contains said screen display section.

23. An image registration terminal device according to claim 22, wherein said prospective non-disclosure region setting device comprises a region analysing section for detecting region information relating to the position and size of said set regions which are to be specified within said image data region, said region information constituting a portion of said setting data.

24. An image registration terminal device according to claim 22, wherein said prospective non-disclosure region setting device comprises a region setting device for specifying said set regions in response to a setting command from said section.

25. An image registration terminal device according to claim 22, wherein said prospective non-disclosure region setting device comprises an index data creating section for creating index data relating to said image data and to said set regions, as a portion of said setting data; and

said index data creating section contains said reference data creating section as part thereof.

26. An image registration terminal device according to claim 25, wherein the index data relating to said image data comprises indexing keywords, and image data tag names and attribute names; and the index data relating to said set regions comprises a region number, two-dimensional co-ordinate values, region width and region height for said set regions, and said reference data.

27. An image registration terminal device according to claim 17, wherein the setting of said prospective non-disclosure regions is performed by specifying said set regions, by means of a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions, within the image data region displayed by said screen display section.

28. An image registration terminal device according to claim 22, wherein said structured image data is divided into a layer wherein said set regions within said image data region are set to a non-readable state, and a layer consisting of the image data portions for said set regions.

29. A reading terminal device according to claim 15, wherein said screen display section capable of displaying disclosure data consisting of non-readable data and readable data created by converting the image data in the disclosed regions to readable data, said image data region being replaced with structured image data of said image data.

30. A reading terminal device according to claim 29, comprising:

an input section for reading out, from said server, said structured image data, setting data respectively identifying said set regions, and reference data for referencing the image data portions for said set regions, these data elements being respectively registered beforehand in said server;

a region deciding section for creating said image data on the basis of said structured image data, said setting data and said reference data, and then deciding disclosed regions and non-disclosed regions with respect to the set regions in said image data region of said image data;

a disclosure data creating section for creating said disclosure data by converting image data within said non-disclosure decided regions to said non-readable data, in addition to said readable data conversion;

an output section for converting said disclosure data to a disclosure document having perceivable contents; and

a memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, and said disclosure data;

wherein said output section contains said screen display section.

31. A reading terminal device according to claim 30, wherein:

selection information instructing display of said set regions is stored in a readable fashion in said memory;

and said region deciding section:

reads out said selection information from said memory in response to a confirmation command from said input section and causes said information to be displayed on said screen display section, during said deciding operation;

causes said image data to be displayed on said screen display section by means of selecting said displayed selection information in response to selection commands from said input section;

specifies said set regions by means of a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions, within the displayed image data, on the basis of said setting data; and

designates said specified set regions as non-disclosure decided regions, if there is no error in the specification of said set regions, or alternatively, cancels the specification of said set regions and changes same to disclosed region, if there is an error in the specification of said set regions.

32. A reading terminal device according to claim 30, wherein:

selection information for changing said non-disclosure decided regions to non-readable data is stored in a readable fashion in said memory;

and said disclosure data creating section: performs processing for converting said specified non-disclosure decided regions to non-readable data consisting of either black information, blank information or deleted information, in response to readable/non-readable commands from said input section; and processing for converting the remaining image data region to readable data.

33. An image display system according to claim 19, wherein: said first screen display section is capable of displaying structured image data created from said image data and setting data for said set regions;

said server obtains and stores said setting data for said set regions, and said structured image data; and

said second screen display section is capable of displaying disclosure data consisting of said non-readable data and readable data, obtained by converting the image data in the disclosure region to readable data.

34. An image display system according to claim 33, wherein:

(A) said image registration terminal device further comprises:

prospective non-disclosure region setting device for creating setting data for said set regions;

a structured image data creating section for creating said structured image data;

a reference data creating section for creating reference data for referencing said set regions within said structured image data;

a first memory for storing said image data, said structured image data, said setting data and said reference data, in a readable fashion; and

a first output section for reading out said structured image data, said setting data and said reference data from said first memory and outputting same to said server for storage;

wherein said first output section contains said first screen display section; and

(B) said reading terminal device further comprises:

a region deciding section for creating said image data on the basis of said structured image data, said setting data and said reference data read out from said server, and then setting disclosed regions and non-disclosed regions with respect to the set regions in said image data region of said image data;

a disclosure data creating section for creating said disclosure data by converting image data within said non-disclosure decided regions to said non-readable data, in addition to said readable data conversion;

a second output section for converting said disclosure data to a disclosure document having perceivable contents; and

a second memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, and said disclosure data;

wherein said second output section contains said second screen display section.

35. An image registration terminal device according to claim 12,

wherein the index data relating to said image data comprises indexing keywords, and image data tag names and attribute names;

and the index data relating to said set regions comprises a region number, two-dimensional co-ordinate values, region width and region height for said set regions, and name attributes indicating item names relating to said set regions.

36. An image registration terminal device according to claim 25, wherein:

the index data relating to said image data comprises indexing keywords, and image data tag names and attribute names; and

the index data relating to said set regions comprises a region number, two-dimensional co-ordinate values, region width and region height for said set regions, said

reference data, and name attributes indicating item names relating to said set regions.

37. An image registration terminal device according to claim 35,

wherein the setting of said prospective non-disclosure regions is performed by specifying said set regions, by means of a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions, within the image data region displayed by said screen display section.

38. A reading terminal device according to claim 15, wherein said screen display section is capable of displaying readable item names.

39. A reading terminal device according to claim 38, comprising:

an input section for reading out, from said server, said image data, setting data respectively identifying said image data and said set regions, reading authorization level correspondence data, and level data for specifying item name correspondence data relating to said reading authorization levels; said setting data containing name attributes indicating item names relating to said set regions;

a region deciding section for specifying disclosed regions and non-disclosed regions by selecting item names by specifying a read out reading authorization level, and

specifying set regions corresponding to the selected item names in said image data region, on the basis of item name correspondence data corresponding to said selected item names;

a disclosure data creating section for converting image data within said decided non-disclosure regions to non-readable data, converting image data within said disclosed regions to readable data, and creating disclosure data consisting of said non-readable and readable data;

an output section for converting said disclosure data to a disclosure document having perceivable contents; and

a memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, said disclosure data, said reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels;

wherein said output section contains a screen display section capable of displaying said image data, said item names, said set regions, and the non-disclosure decided regions within said image data region.

40. A reading terminal device according to claim 39, wherein said memory stores reading authorization level setting data for setting said reading authorization levels, and the selection of said reading authorization level is carried out on a display screen of said reading authorization setting data, which is displayed on said screen display section.

41. A reading terminal device according to claim 39, wherein said set regions designated as non-disclosed regions are displayed on said screen display section together with a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions.

42. A reading terminal device according to claim 39, wherein:

selection information for changing said non-disclosure decided regions to non-readable data is stored in a readable fashion in said memory; and

said disclosure data creating section:

reads out said selection information from said memory and displays same on said screen display section, in response to readable/non-readable commands from said input section; and

converts said specified non-disclosure decided regions to non-readable data consisting of either black information, blank information or deleted information, by selecting said displayed selection information in response to selection commands from said input section, whilst also performing processing for converting the remaining image data region to readable data.

43. A reading terminal device according to claim 15, wherein said screen display section is capable of displaying: readable reading authorization levels; readable item names;

and disclosure data consisting of non-readable data and readable data, obtained by converting the image data in the disclosure region to readable data, said image data region being replaced with structured image data of said image data.

44. A reading terminal device according to claim 43, comprising:

an input section for reading out, from said server, said structured image data, setting data respectively identifying said set regions, reference data for referencing the image data portions for said set regions, reading authorization level correspondence data, and item name correspondence data relating to said reading authorization levels, these data elements being respectively registered beforehand in said server; said setting data containing name attributes indicating item names relating to said set regions;

a region deciding section for specifying disclosed regions and non-disclosed regions by selecting item names by specifying a read out reading authorization level, and specifying set regions corresponding to the selected item names in image data region of said image data, from said structured image data, said setting data and said reference data, on the basis of item name correspondence data corresponding to said selected item names;

a disclosure data creating section for creating said disclosure data by converting image data within said non-

disclosure decided regions to said non-readable data, in addition to said readable data conversion;

an output section for converting said disclosure data to a disclosure document having perceivable contents; and

a memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, said disclosure data, said reading authorization level correspondence data and said item name correspondence data;

wherein said output section contains said screen display section.

45. A reading terminal device according to claim 44, wherein said memory stores reading authorization level setting data for setting said reading authorization levels, and the selection of said reading authorization level is carried out on a display screen of said reading authorization setting data, which is displayed on said screen display section.

46. A reading terminal device according to claim 44, wherein said set regions designated as non-disclosed regions are displayed on said screen display section together with a setting display consisting of either a frame display surrounding said set regions, a colored display of said set regions, or a background display relating to said set regions.

47. A reading terminal device according to claim 44, wherein:

selection information for changing said non-disclosure decided regions to non-readable data is stored in a readable fashion in said memory;

and said disclosure data creating section:

reads out said selection information from said memory and displays same on said screen display section, in response to readable/non-readable commands from said input section; and

converts said specified non-disclosure decided regions to non-readable data consisting of either black information, blank information or deleted information, by selecting said displayed selection information in response to selection commands from said input section, whilst also performing processing for converting the remaining image data region to readable data.

48. An image display system for document management comprising an image registration terminal device, server and reading terminal device mutually linked by means of a network, wherein:

(A) said image registration terminal device comprises: a first input section for converting original image data for a document that is to be disclosed, into image data; and a first screen display section capable of displaying said image data, and set regions specified as prospective non-disclosure regions within the image data region of said image data;

(B) said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and it also obtains and stores said image data and setting data for said set regions from said image registration terminal device; and

(C) said reading terminal device comprises: a second input section for reading out said image data, said setting data, reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, from said server;

and a second screen display section capable of displaying said image data, readable item names, said set regions and non-disclosure decided regions within said image data region.

49. An image display system according to claim 48, wherein:

(A) said image registration terminal device further comprises:

prospective non-disclosure region setting device for creating setting data for said set regions;

a first memory for storing said image data and setting data in a readable fashion; and

a first output section for reading out said image data and setting data from said first memory and outputting same to be stored in said server;

said first output section containing said first screen display section;

said prospective non-disclosure region setting device comprising an index data creating section for creating index data relating to said image data and to said set regions, as a portion of said setting data;

the index data relating to said image data comprising indexing keywords, and image data tag names and attribute names; and

the index data relating to said set regions comprising a region number, two-dimensional co-ordinate values, region width and region height for said set regions, and name attributes indicating the item names relating to said set regions;

(B) said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and it also stores said image data and said setting data from said image registration terminal device; and

(C) said reading terminal device further comprises:

a non-disclosed region deciding section for specifying disclosed regions and non-disclosed regions by selecting item names by specifying a read out reading authorization level, and specifying set regions corresponding to the selected item names in said image data region, on the

basis of item name correspondence data corresponding to said selected item names;

a disclosure data creating section for converting image data within said non-disclosure decided regions to non-readable data, converting image data within said disclosed regions to readable data, and creating disclosure data consisting of said non-readable and readable data;

a second output section for converting said disclosure data to a disclosure document having perceivable contents; and

a second memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, said disclosure data, said reading authorization level correspondence data and item name correspondence data;

wherein said second output section contains a second screen display section.

50. An image display system according to claim 19, wherein:

said first screen display section is capable of displaying structured image data created from said image data and said setting data;

said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and it also obtains and stores said structured image

data in place of said image data and setting data for said set regions from said image registration terminal device;

said second input section reads out said structured image data, said reading authorization level correspondence data and said item name correspondence data, from said server; and

said second screen display section is capable of displaying readable item names, and disclosure data consisting of said non-readable data and readable data, obtained by converting the image data in the disclosure region to readable data.

51. An image display system according to claim 50, wherein

(A) said image registration terminal device further comprises:

prospective non-disclosure region setting device for creating setting data for said set regions;

a structured image data creating section for creating said structured image data;

a reference data creating section for creating reference data for referencing said set regions within said structured image data;

a first memory for storing said image data, said structured image data, said setting data and said reference data, in a readable fashion; and

a first output section for reading out said structured image data, said setting data and said reference data from said first memory and outputting same to said server for storage;

wherein said first output section contains said first screen display section;

said prospective non-disclosure region setting device comprises an index data creating section for creating index data relating to said image data and to said set regions, as a portion of said setting data;

said index data creating section contains said reference data creating section as a portion thereof;

the index data relating to said image data comprising indexing keywords, and image data tag names and attribute names; and

the index data relating to said set regions comprising a region number, two-dimensional co-ordinate values, region width and region height for said set regions, said reference data, and name attributes indicating the item names relating to said set regions;

(B) said server previously registers reading authorization level correspondence data and item name correspondence data relating to said reading authorization levels, and it also stores said structured image data, said setting data and said reference data, from said image registration terminal device; and

(C) said reading terminal device further comprises:

a non-disclosed region deciding section for specifying disclosed regions and non-disclosed regions by selecting item names by specifying a read out reading authorization level, and specifying set regions corresponding to the selected item names in image data region of said image data, from said structured image data, said setting data and said reference data, on the basis of item name correspondence data corresponding to said selected item names;

a disclosure data creating section for creating said disclosure data by converting image data within said non-disclosure decided regions to said non-readable data, in addition to said readable data conversion;

a second output section for converting said disclosure data to a disclosure document having perceivable contents; and

a second memory for storing, in a readable fashion, said image data, said setting data, said readable and non-readable data, said disclosure data, said reading authorization level correspondence data and said item name correspondence data;

wherein said second output section contains said second screen display section.

52. A reading terminal device according to claim 16, wherein:

in cases where reader level data, for specifying reader levels in relation to particular setting data elements of said setting data, is previously registered in said server,

said region deciding section comprises a direct deciding section which sets disclosed regions and non-disclosed regions within said image data region, directly, by specifying a reader level in said reader level data read out from said server by the input section.

53. A reading terminal device according to claim 52, wherein said reader level data is data which is structured with respect to the reader level, reader name and the department title of the respective reader.

54. A reading terminal device according to claim 52, wherein:

in cases where a user name for said reader and a password for said reader are previously stored in said reader level data, as a registered user name and a registered password,

said region deciding section further comprises a comparing section for comparing said registered user name and said registered password read out from said server by said input section with a user name and password input by said reader by means of said input section;

and if the comparison performed by said comparing section produces a match, then said direct deciding section specifies said reader level for the matching reader name.

55. An image display system according to claim 20, wherein:

reader level data for specifying reader' levels in relation to particular setting data elements of said setting data is previously registered in said server; and

said region deciding section comprises a direct deciding section which sets disclosed regions and non-disclosed regions within said image data region, directly, by specifying a reader level in said reader level data read out from said server by the second input section.

56. An image display system according to claim 55,

wherein said reader level data is data which is structured with respect to the reader level, reader name and the department title of the respective reader.

57. An image display system according to claim 55, wherein:

in cases where a user name for said reader and a password for said reader are previously stored in said reader level data, as a registered user name and a registered password,

said region deciding section further comprises a comparing section for comparing said registered user name and said registered password read out from said server by said second input section with a user name and password input by said reader by means of said second input section;

and if the comparison performed by said comparing section produces a match, then said direct deciding section specifies said reader level for the matching reader name.

58. An image display device which is connected to an original image holding device, and which has the functions of reading out and displaying image data from a storing device, and detecting alterations to said image data when the image data is read out.